

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.8Welcome
United States Patent and Trademark Office

» Adva

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Try our New Full-text Search Prototype **GO**[Help](#)

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)**Search Options:****Select publication types:**

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:From year: to **Organize search results by:**Sort by: In: orderList Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office


» Se.

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **7** of **1079782** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering new one in the text box.

(histogram* <near/5> differ*) <paragraph> (scene* or s

☐ Check to search within this result set
Results Key:**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Hierarchical video indexing and retrieval for subband-coded video**

Lee, J.; Dickinson, B.W.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 10 , Issue: 5 , Aug. 2000

Pages:824 - 829

[\[Abstract\]](#)
[\[PDF Full-Text \(2168 KB\)\]](#)

IEEE JNL

2 Frame difference normalization: an approach to reduce error rates of detection algorithms for MPEG videos

Ewerth, R.; Freisleben, B.;

Image Processing, 2003. Proceedings. 2003 International Conference on , Vol 2 , 14-17 Sept. 2003

Pages:II - 1009-12 vol.3

[\[Abstract\]](#)
[\[PDF Full-Text \(371 KB\)\]](#)

IEEE CNF

3 Inertia-based cut detection technique: a step to the integration of video coding and content-based retrieval

Tieyan Liu; Xudong Zhang; Desheng Wang; Jian Feng; Kwok-tung Lo;

Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th International Conference on , Volume: 2 , 21-25 Aug. 2000

Pages:1018 - 1025 vol.2

[\[Abstract\]](#)
[\[PDF Full-Text \(508 KB\)\]](#)

IEEE CNF

4 Abrupt shot change detection using an unsupervised clustering of multiple features

Hun Cheol Lee; Cheong Woo Lee; Seong Dae Kim;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) **IEEE CNF**

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **IEEE CNF**

Copyright © 2004 IEEE — All rights reserved

Printed by EAST

UserID: DMariam

Computer: WS07216

Date: 10/15/2004

Time: 10:16

Type	L #	Hits	Search Text	Dbs	Time Stamp	Comments	Error Definition	Errors
1	IS&R	L1	3818	(382/168,170,172,236,239,268,270,272,274,275,305).CCLS.	USPA T	2004/10/1 5 09:55		0
2	IS&R	L2	348	(348/700).CCLS.	USPA T	2004/10/1 5 09:57		0
3	BRS	L3	10433	(scene\$1 or shot\$1) same (abrupt\$2 or sudden\$2, or fade\$1 or dissolve\$3 or gradual\$2 or wipe\$1 or cut\$1 or transition\$1)	USPA T	2004/10/1 5 10:15		0
4	BRS	L4	28	3 same (histogram\$5 near10 (differ\$5 or variation\$1))	USPA T	2004/10/1 5 10:16		0
5	BRS	L6	15	4 same (criteri\$3 or threshold\$3)	USPA T	2004/10/1 5 10:04		0
6	BRS	L7	3	6 same (statistic\$5 or deviation or median or mean or average\$3)	USPA T	2004/10/1 5 10:05		0
7	BRS	L8	5	1 and 4	USPA T	2004/10/1 5 10:05		0
8	BRS	L9	10	2 and 4	USPA T	2004/10/1 5 10:05		0
9	BRS	L10	502	(average\$3 or median or mean or (standard adj deviation)) same (histogram\$5 near10 (differ\$5 or variation\$1))	USPA T	2004/10/1 5 10:07		0
10	BRS	L11	127	10 same threshold\$3	USPA T	2004/10/1 5 10:07		0
11	BRS	L12	28	3 and 4	USPA T	2004/10/1 5 10:07		0
12	BRS	L13	5	1 and 12	USPA T	2004/10/1 5 10:07		0

Type	L #	Hits	Search Text	Dbs	Time Stamp	Comments	Error Definition	Error
13 BRS	L14	10	2 and 12	USPA T	2004/10/1 5 10:07			0
14 BRS	L15	10433	(scene\$1 or shot\$1) same (abrupt\$2 or sudden\$2 or fade\$1 or dissolve\$3 or gradual\$2 or wipe\$1 or cut\$1 or transition\$1 or break*)	USPA T	2004/10/1 5 10:15			0
15 BRS	L16	143	1 and 15	USPA T	2004/10/1 5 10:16			0
16 BRS	L17	118	2 and 15	USPA T	2004/10/1 5 10:16			0
17 BRS	L18	28	15 same (histogram\$5 near10 (differ\$5 or variation\$1))	USPA T	2004/10/1 5 10:16			0